

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 12-2004)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

9084-94020

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

Not Yet Assigned **10/530773**

INTERNATIONAL APPLICATION NO.  
PCT/HU2003/000078

INTERNATIONAL FILING DATE  
October 7, 2003

PRIORITY DATE CLAIMED  
October 7, 2002 and September 18, 2003

**TITLE OF INVENTION**

**PETROL-BIOCHEMICAL METHOD FOR THE TREATMENT AND PREVENTION OF OIL-IN-WATER AND WATER-IN-OIL EMULSIONS IN OIL-WELLS AND SURFACE EQUIPMENT**

**APPLICANT(S) FOR DO/EO/US**

**Janos BALAZS, Imre MECS, Sandor PUSKAS, Miklos HLATKI, Miklos KALMAN, Gyula LENGYEL and Zsolt MOLNAR**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (Unsigned)
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 555562980 US
23. ☒ Other items or information:

**RETURN RECEIPT POSTCARD**

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/530773</b> <b>Not Yet Assigned</b>		INTERNATIONAL APPLICATION NO. <b>PCT/HU2003/000078</b>		ATTORNEY'S DOCKET NUMBER <b>9084-94020</b>																					
24. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee ..... <b>\$300.00</b> <input checked="" type="checkbox"/> b) Examination fee ..... <b>\$200.00</b> <input checked="" type="checkbox"/> c) Search fee ..... <b>\$500.00</b> <b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Total Sheets</th> <th style="width: 15%;">Extra Sheets</th> <th style="width: 30%;">Number of each additional 50 or fraction thereof (round up to a whole)</th> <th style="width: 10%;">RATE</th> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> </tr> </table> Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">CLAIMS</th> <th style="width: 15%;">NUMBER FILED</th> <th style="width: 15%;">NUMBER EXTRA</th> <th style="width: 10%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>24 - 20 =</td> <td>4</td> <td>x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>x \$200.00</td> </tr> </table> MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00 <b>TOTAL OF ABOVE CALCULATIONS = \$1,200.00</b> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. <b>SUBTOTAL = \$1,200.00</b> Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). <b>TOTAL NATIONAL FEE = \$1,200.00</b> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + <b>TOTAL FEES ENCLOSED = \$1,200.00</b> Amount to be refunded: \$ Amount to be charged: \$				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	- 100 =	/50 =		x \$250.00	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	24 - 20 =	4	x \$50.00	Independent claims	2 - 3 =	0	x \$200.00	Applicant use	Office use
				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE																		
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a. ☒ A check in the amount of \$ **\$1,200.00** to cover the above fees is enclosed.

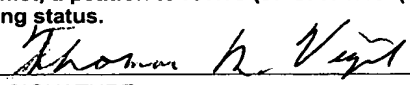
b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is \_\_\_\_\_

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **23-0920**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:  
**Thomas R. Vigil, Esq.**  
**WELSH & KATZ, LTD.**  
**120 South Riverside Plaza, Floor 22**  
**Chicago, IL 60606**  
**(312) 655-1500**

  
 SIGNATURE  
**Thomas R. Vigil**  
 NAME  
**24,542**  
 REGISTRATION NUMBER

10/530773

JC13 Rec'd PCT/PTO 07 APR 2005

National Phase of PCT Patent Application PCT/HU2003/000078  
in the United States in the name of BALÁZS et al.  
Entitled: PETROL-BIOCHEMICAL METHOD FOR THE TREATMENT  
AND PREVENTION OF OIL-IN-WATER AND WATER-IN-OIL  
EMULSIONS IN OIL-WELLS AND SURFACE EQUIPMENT  
Attorney Docket No. 9084-94020

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**  
**(37 CFR 2.198)**

**Express Mail No. EV 555562980 US**

I hereby certify that the following papers (identified below) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 2.198 in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on this 7<sup>th</sup> day of April, 2005.

Shannon Wooten  
Shannon Wooten

Shannon Wooten  
(Signature of Person Mailing Correspondence)

Enclosed:

- ☒ Transmittal Letter to the United States Designated/Elected Office Concerning a Submission Under 35 U.S.C. 371 (Form PCTUS1/REV05) (in duplicate);
- ☒ Preliminary Amendment (9 pages);
- ☒ Application;
- ☒ Title page from WO 2004/030788 A2;
- ☒ Data Sheet (2 pages);
- ☒ Unexecuted Combined Declaration and Power of Attorney (4 pages);
- ☒ One check in the amount of \$1,200.00;
- ☒ Addressed Postage Paid Receipt Postcard.